



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 962 531 A3**

EUROPEAN PATENT APPLICATION

(12)

(88) Date of publication A3:
15.12.1999 Bulletin 1999/50

(43) Date of publication A2:
08.12.1999 Bulletin 1999/49

(21) Application number: 99104104.7

(22) Date of filing: 10.11.1995

(51) Int. Cl.⁶: C12N 15/24, C07K 14/54

(84) Designated Contracting States:
BE CH DE DK ES FR GB IT LI NL SE

(30) Priority: 15.11.1994 JP 30420394
23.02.1995 JP 5824095
10.03.1995 JP 7835795
18.09.1995 JP 26206295
29.09.1995 JP 27498895

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
95308055.3 / 0 712 931

(71) Applicant:
KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU
KAGAKU KENKYUJO
Okayama-shi Okayama (JP)

(72) Inventors:

- Ushio, Shimpel
Okayama (JP)
- Torigoe, Kakuji
Okayama (JP)
- Tanimoto, Tadao
Okayama (JP)
- Okamura, Haruki
Osaka (JP)

(74) Representative:

Daniels, Jeffrey Nicholas et al
Page White & Farrer
54 Doughty Street
London WC1N 2LS (GB)

(54) **Interferon-gamma production inducing isolated polypeptide fragment and an isolated DNA fragment encoding said polypeptide**

(57) An isolated peptide fragment of a human polypeptide, said human polypeptide having an amino acid sequence of SEQ ID NO:1, wherein Xaa at amino acid residue 73 of SEQ ID NO:1 is isoleucine or threonine, and inducing IFN- λ production by immunocompetent cells.

EP 0 962 531 A3

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT

PO BOX 1808 03 82 (PO4007)



European Patent
Office

PARTIAL EUROPEAN SEARCH REPORT

Application Number
EP 99 18 4184

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (InCL6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	WO 92 05256 A (GENETICS INST ;WISTAR INST (US)) 2 April 1992 (1992-04-02) * claims; examples * -----	1-8	
			TECHNICAL FIELDS SEARCHED (InCL6)



European Patent
Office

INCOMPLETE SEARCH
SHEET C

Application Number

EP 99 10 4104

Claim(s) searched incompletely:
1-16

Reason for the limitation of the search:

Present claims 1-16 relate to an extremely large number of possible compounds. Support within the meaning of Article 84 EPC and/or disclosure within the meaning of Article 83 EPC is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds having the Sequence ID's 4, 5 and 7 and DNA fragments coding for them.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 10 4104

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

06-10-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0692536 A	17-01-1996	JP 8027189 A	30-01-1996
		JP 8217798 A	27-08-1996
		US 5912324 A	15-06-1999
		US 5914253 A	22-06-1999

JP 5279376 A	26-10-1993	NONE	

WO 9205256 A	02-04-1992	US 5457038 A	10-10-1995
		AU 8723691 A	15-04-1992
		EP 0549711 A	07-07-1993
		JP 6501009 T	27-01-1994
		US 5648072 A	15-07-1997
		US 5648467 A	15-07-1997
		US 5569454 A	29-10-1996
		US 5811523 A	22-09-1998

EPO FORM P0159

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82